

DIRECT TESTIMONY

OF

JOHN R. HENDRIX

ON BEHALF OF

SOUTH CAROLINA ELECTRIC & GAS COMPANY

DOCKET NO. 2002-223-E

Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. John R. Hendrix, 1426 Main Street, Columbia, South Carolina.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am Supervisor of Electric Pricing and Rate Administration at SCANA Services, Inc.

Q. DESCRIBE YOUR EDUCATIONAL BACKGROUND AND BUSINESS EXPERIENCE.

A. I am a graduate of the University of South Carolina where I received a Bachelor of Science Degree in Business Administration with a major in marketing. Since joining South Carolina Electric & Gas Company in August 1983, I have held various positions within the Rate Department. In November 1999 I assumed my present position. I have participated in cost of service studies, rate development and

1 design, and rate evaluation programs for both the electric and gas
2 operations. I am a member of the Southeastern Electric Exchange
3 Rate Section.

4 **Q. WILL YOU BRIEFLY SUMMARIZE YOUR DUTIES WITH**
5 **SCANA SERVICES, INC.?**

6 A. I am responsible for the design and administration of the Company's
7 electric rates and tariffs including the electric fuel adjustment. In
8 addition, I am responsible for the Company's electric allocation
9 studies.

10 **Q. DESCRIBE THE SCOPE OF THE TESTIMONY WHICH**
11 **YOU WILL PRESENT IN THIS PROCEEDING.**

12 A. My testimony will cover the following areas:

13 **Cost of Service** - I will present the results of the cost of
14 service study performed for this proceeding based on the test period
15 ending March 31, 2002 which separates wholesale and retail
16 jurisdictions. The study also provides the rates of return by each
17 class of service. The methods and allocations utilized in making this
18 study will also be discussed.

19 **Rate Design** - I will address the Company's rate design
20 objectives as well as proposed rates and charges contained in its
21 application. I will also describe the revenue effect that the proposed
22 rates would have on the Company's electric retail operations had they

1 been in effect during the test period.

2 **General Terms and Conditions** - My testimony will also
3 discuss several changes that the Company is proposing to make in its
4 General Terms and Conditions. These proposals principally concern
5 reconnection charges, credit issues and issues concerning when the
6 Company can deny or discontinue service for non-payment.

7
8 **COST OF SERVICE STUDY**

9 **Q. WILL YOU EXPLAIN THE OBJECTIVE OF A COST OF**
10 **SERVICE STUDY?**

11 A. The objective of a fully distributed cost of service study is to
12 apportion the total cost to serve among respective classes of service.
13 This should be done in a fair and equitable manner such that the
14 results reflect the engineering and operating characteristics of the
15 electric utility system.

16 **Q. WAS THE COST OF SERVICE STUDY PREPARED UNDER**
17 **YOUR SUPERVISION AND DIRECTION?**

18 A. Yes. The study was prepared under my direction utilizing the rate
19 base and return components to which the Company's accounting
20 witness, Mrs. Walker, testified.

21 **Q. WOULD YOU EXPLAIN THE STEPS YOU FOLLOWED IN**
22 **DEVELOPING THIS ELECTRIC COST OF SERVICE?**

23 A. The principal steps in developing the cost of service study were
24 functionalization of costs, classification of costs and allocation of
25 costs. The objective of functionalization was to arrange costs

1 according to major functions. Those functions include production,
2 transmission and distribution. The objective of the second step,
3 classification, was to divide costs into groups according to
4 measurable cost-defining characteristics of the services rendered.
5 These costs are defined as customer, demand, and energy
6 components. The third and final step in the cost of service study was
7 the allocation of the costs to the respective classes of service based
8 upon the responsibility for incurring those customer demand or
9 energy costs.

10 **Q. PLEASE DEFINE CUSTOMER COSTS.**

11 A. Customer costs are the costs customers place on the system just by
12 being connected to a system with a service drop, meter, account, and
13 monthly bill. Customer costs vary with the number and size of
14 customers. Size in this case is a measure of the amount of power the
15 customer's meter and service connection must have the physical
16 ability to deliver. Customer costs do not vary significantly with the
17 volume of usage.

18 **Q. PLEASE DEFINE DEMAND AND ENERGY COSTS.**

19 A. Demand costs are costs that vary with the capacity of the system as a
20 whole to produce and deliver electricity. Demand costs reflect the
21 fixed cost of building and operating the system. Energy costs reflect
22 the variable cost of producing, transmitting, and delivering electricity
23 using the system already in place.

24 **Q. WHAT DEMAND ALLOCATORS WERE USED IN THE**
25 **COST OF SERVICE STUDY?**

1 A. Two basic demand allocators were developed: the coincident peak
2 demand (CP) and the noncoincident peak demand (NCP). The CP
3 allocator was developed based on the system territorial peak demand
4 between the hours of 2 p.m. and 6 p.m. on the territorial peak day,
5 August 8, 2001, which occurred during the test year. The NCP
6 allocator was developed by adding the non-simultaneous peak
7 demands of the different classes whenever they occurred during the
8 year. The CP allocator was utilized to allocate production and
9 transmission investments and their respective demand related
10 expenses. This is necessary since the system peak is a prime
11 determinant of the amount of production and transmission facilities
12 that are required to be installed. Therefore, the cost of such facilities
13 should be allocated accordingly. The NCP allocator was the basis
14 for allocating demand related distribution investments and expenses.
15 These facilities must be sized to meet the peak demand of the
16 customer class using them regardless of when that peak demand
17 occurs.

18 **Q. EXPLAIN THE DEVELOPMENT OF THE CUSTOMER**
19 **ALLOCATORS.**

20 A. Customer-related allocation factors were based on the number of
21 customers in the respective classes. To create customer factors, we
22 utilized both weighted and non-weighted determinants. For example,
23 we allocated billing expenses between customer classes based on the
24 average number of customers in the class. This non-weighted
25 allocation reflects the fact that the cost to produce, mail and

1 otherwise process a bill does not vary significantly between customer
2 classes. On the other hand, the cost of reading meters and
3 establishing billing determinants does vary substantially between
4 customer classes. Accordingly, we developed the factors used for
5 allocating billing expenses between customer classes by weighting
6 the average number of customers in the class a) by the average time
7 required to read a typical meter for customers of that class, and b) by
8 the average time required to develop billing determinants for
9 customers in that class.

10 In short, weighted allocation factors are used where there are
11 significant differences in characteristics of cost to serve between
12 classes of service. The weighting of factors reflects those differences.

13 **Q: EXPLAIN THE DEVELOPMENT OF THE ENERGY**
14 **ALLOCATORS.**

15 A. The energy allocator was developed from the annual kilowatt-hour
16 sales by class of customer adjusted for system losses. We collect data
17 on energy usage by customer class and we used actual test period
18 data in making the allocation.

19 **Q. HOW WERE THE RATE BASE AND RETURN**
20 **COMPONENTS CLASSIFIED AND ALLOCATED TO**
21 **CLASSES?**

22 A. EXHIBIT NO. _____ (JRH-1) shows the classifications of
23 investment and expense items and the factors on which specific
24 investment and expense items were allocated. The next exhibit,
25 EXHIBIT NO. _____ (JRH-2) shows the resulting allocations and

1 sets forth the fully distributed cost of service as adjusted for the test
2 year.

3 **Q. DOES THE COST OF SERVICE STUDY FOR THE TEST**
4 **YEAR PROPERLY DISTRIBUTE COSTS OF PROVIDING**
5 **ELECTRIC SERVICE TO CUSTOMER CLASSES?**

6 A. Yes. The cost of service study presented here provides a proper
7 foundation for distributing costs among classes since it recognizes
8 cost causation and distributes costs accordingly. This study also
9 provides a proper basis for determining cost-based rates and is a
10 major component of fair and equitable rate design. The cost of
11 service study also provides a reasonably accurate measure of
12 profitability among classes of customers.

13 **Q. PLEASE EXPLAIN HOW YOU DEVELOPED THE**
14 **REQUESTED REVENUE.**

15 A. The requested revenue is based on the rate of return information
16 contained in Exhibit D-II, page 2 of 3 of the Company's
17 Application. This information shows the rate of return that the
18 Company earned during the test year was deficient and indicates a
19 need for a net revenue increase of \$104,716,000 to compensate the
20 Company adequately for its electric service. As the Company's
21 accounting witness, Mrs. Walker, has testified the Company is
22 proposing to include in rates, and eliminate from the fuel cost
23 recovery calculation, \$8,079,000 (or \$673,250 per month) in annual
24 pipeline fixed capacity charges related to natural gas service to the
25 recently repowered turbines at Plant Urquhart. To reflect this shift

1 in expenses, rates have been created to reflect a total revenue
2 increase from base electric rates of \$112,795,000. The matching
3 reduction in fuel cost recovery, which is accomplished by reducing
4 the base fuel rate in the proposed rates from \$0.01722 per KWH to
5 \$0.01678 per KWH, will then create a net increase from the rate
6 adjustments proposed on the exhibit of \$104,716,000. The
7 Company requests that if the Commission approves the fixed
8 capacity charges for inclusion in base rates, then the base fuel rate
9 as described above be approved.

10 **Q. HOW WAS REVENUE INCREASE BY CLASS**
11 **DEVELOPED?**

12 A. Many factors have to be considered in developing an appropriate
13 distribution of revenue to the various classes. The cost of service is
14 the most important component of rate design, but other factors also
15 serve as guides to proper rate design. These remaining factors are
16 value of service, our rate history, revenue stability, improvement of
17 system load factor, and optimum use of natural resources.

18 **RATE DESIGN**

19 **Q. WHAT IS THE COMPANY'S OBJECTIVE IN THE RATE**
20 **DESIGN EFFORT?**

21 A. Our continuing objective in rate design is to provide electric service
22 to our customers at fair, competitive prices while earning an
23 adequate return for investors. The objectives of our rate design
24 effort have been to price rates appropriately, to maintain simplicity
25 and to continue to offer rate choices that meet customer needs.

1 Prices should recover costs and provide clear market signals to
2 promote the efficient use of electricity. Prices should encourage
3 off-peak use, higher load factors, and investments in energy
4 efficient equipment. Rates and revenues should be stable and
5 predictable, offering a sense of continuity.

6 In addition, rates should be as simple and understandable as
7 possible so that customers can understand their options and use
8 them to their best advantage. We want to offer rate choices to our
9 customers. We want to encourage new customers to locate in South
10 Carolina as well as keep existing customers in the State. We try to
11 help our customers improve their efficiency and their ability to
12 compete in domestic and foreign markets.

13 In this proceeding, we reviewed those objectives against our
14 existing rates, and have determined that the existing rate structure
15 does not require substantial modification at this time.

16 All this notwithstanding, retail rates should produce rates of
17 return among classes that bear a reasonable relationship to the
18 overall retail rate of return. As shown on EXHIBIT
19 NO.____(JRH-3), the requested rates and subsequent rates of
20 return for each class are within 10% of the overall retail rate of
21 return.

22 **Q. WHAT RATES AND TARIFFS ARE YOU PROPOSING IN**
23 **THIS PROCEEDING?**

24 **A.** The rates and tariffs that I am proposing are shown in Exhibit B in
25 the Company's application.

1 **Q. ARE THERE ANY CHANGES THAT ARE PROPOSED**
2 **THAT AFFECT ALL OF THE ELECTRIC RATES?**

3 A. Yes. The Basic Facilities Charge (BFC) for all rates has been
4 increased. These proposed increased amounts continue to be
5 significantly less than the actual and continuous expenditures
6 necessary to provide customers with the ability to use electricity.
7 The requested BFC and the actual costs from this cost of service
8 comparison for all rates can be seen on EXHIBIT NO.____(JRH-
9 4).

10 **Q: WHAT OTHER ADJUSTMENTS TO RATES ARE YOU**
11 **PROPOSING?**

12 A. The Company is proposing an adjustment to Rate 9 that relates to
13 the summer demand charge component of the rate. In the last rate
14 proceeding, the Company asked the Commission to allow it to
15 impose a \$2.60 per KVA demand charge, applicable to customer's
16 peak demands. This demand would only apply to the extent that a
17 peak demand greater than 250 KVA were set between the hours of
18 4:00 pm and 8:00 pm during the four summer months June through
19 September. The justification for this change was to provide
20 incentives for larger customers to shift load to off-peak times
21 during this period.

22 The Company's experience since the demand charge was
23 imposed has been that the time-specific demand component of this
24 rate has proved difficult to administer. Rate 9 includes a large
25 number of customers that is extremely diverse and has a large

1 number of smaller customers and therefore it has been difficult to
2 find metering for measuring peaks at certain hours that fit the
3 pricing of the rate while still trying to provide useful data for our
4 customers.

5 Accordingly, the Company is requesting the Commission to
6 allow it to eliminate the hourly component of the summer demand
7 charge applicable to Rate 9. A demand charge would still apply, but
8 would be based on the peak demand greater than 250 KVA set at
9 any point during the day.

10 **TERMS AND CONDITIONS OF SERVICE**

11 **Q. WHAT TERMS AND CONDITIONS ARE YOU PROPOSING**
12 **FOR THIS PROCEEDING?**

13 A. The Terms and Conditions that I am proposing are shown in
14 Exhibits C1 and C2 in the Company's application.

15 **Q. IS THE COMPANY PROPOSING ANY CHANGES TO ITS**
16 **GENERAL TERMS & CONDITIONS FOR ELECTRIC**
17 **SERVICE?**

18 A. Yes, there are some minor changes such as the changing of words
19 and punctuation to make the Terms and Conditions clearer. The
20 Company is also proposing several substantive changes to the terms
21 and conditions.

22 **Q. PLEASE DISCUSS THESE SUBSTANTIVE CHANGES.**

23 A. The first of these is at Section III. K. on page 6 of 8. Here, the
24 Company requests that the reconnection charge be increased from
25 \$15 to \$25 for reconnections performed during normal working

1 hours with an additional \$10 charge for reconnections requested by
2 Customers at other than during normal working hours.

3 **Q. PLEASE EXPLAIN FURTHER THE APPLICATION OF**
4 **THE ADDITIONAL CHARGE FOR AFTER HOURS.**

5 A. We propose that reconnections be made only during normal
6 working hours. However, we would seek to accommodate requests
7 from customers for reconnections after normal working hours and
8 the charge would be \$35 for this service which involves overtime
9 for company personnel. If the customer requests a reconnection
10 during normal working hours and the Company cannot complete
11 the request during normal working hours, then the charge would be
12 \$25.

13 In addition, the Company is proposing to charge the
14 reconnection fee for each trip that made to a customer's location so
15 long as any failure to reconnect is due to failure by the customer to
16 take required action. Such failure on the customer's part could
17 include failure to provide access to the meter location (by
18 containing dangerous animals, for example), or failure to follow
19 company instructions to open breakers on the customer's side of the
20 meter as required for reconnection to be made safely.

21 **Q: WHAT IS THE ACTUAL COST TO THE COMPANY OF**
22 **MAKING RECONNECTIONS?**

23 A. EXHIBIT ____, (JRH-5) shows the actual cost to the Company of
24 performing reconnections to be \$38.90 per reconnection during
25 business hours. We believe that the \$25 charge proposed here is

1 well justified by the actual costs involved.

2 **Q. WHY ARE YOU REQUESTING THIS CHANGE IN THE**
3 **RECONNECTION CHARGE?**

4 A. We take pride in the service we provide and want customers to
5 remain connected to our system. We believe that our policies
6 should encourage customers to take advantage of the many
7 resources we provide to help them continue receiving service and
8 stay connected. We have a number of programs, including those in
9 the electric customers' Bill of Rights, and work with a number of
10 agencies to assist those having difficulty paying their bills and to
11 keep customers connected if at all possible.

12 At the same time, we believe that where reconnection
13 charges are required, they should reflect the true cost to the system
14 of reconnection. If the actual cost of this service is not recovered,
15 then ultimately other customers will pay higher rates to make up the
16 difference.

17 **Q. PLEASE DESCRIBE CHANGES THAT YOU ARE**
18 **REQUESTING CONCERNING YOUR CREDIT TERMS.**

19 A. The Company asks to add a new section to its General Terms and
20 Conditions, which would be Section IV(D)(5) – “Billing and
21 Payment Terms: Deposit.” If approved, this addition would allow
22 SCE&G to collect deposits from nonresidential customers whose
23 credit standing has declined to the extent that poor credit creates a
24 condition of insecurity with regard to present and future payments
25 owed to SCE&G. Let me emphasize that the provision would only

1 apply to non-residential customers.

2 The experience underlying this request relates to commercial
3 or industrial customers whose credit has deteriorated and corporate
4 insolvency is threatened. Even if the credit risk from a particular
5 customer is widely known, the Company is unable to seek a
6 deposit, guarantee or other security until accounts have become
7 delinquent and the customer is subject to termination. By this point,
8 the Company's credit exposure to the insolvent customer can
9 involve several months' bills, since several months would typically
10 elapse between the time service is rendered and a bill for that
11 service falls delinquent.

12 For a large industrial customer, the result can be that an
13 uncollectible account is built up of several million dollars before
14 the Company can act. As the Commission is aware, uncollectible
15 accounts are a cost to the Company for rate-making purposes and
16 may become the payment responsibility of the system as a whole.

17 The present General Terms and Conditions, and
18 Commission regulations they track seem to reflect the dynamics of
19 residential service. Where residential customers are involved, credit
20 issues are not known until bills fall in arrears. The need to act
21 quickly in a specific case is less since the impact on the system
22 from a particular customer's default is relatively small. This is very
23 different from the case of many commercial and industrial
24 customers, where credit problems often are publicly known in
25 advance, and the financial impact to the system, under present

1 credit policies, can be significant. We believe that the Company
2 should have reasonable tools to protect itself and all customers on
3 its system from the credit and financial risks posed by these
4 situations.

5 Approval of this addition may require waiver of
6 Commission regulation 26 S.C. Code Ann. 103-331(A)(2), as
7 amended (1976). If so, SCE&G respectfully requests the
8 Commission waive this regulation for approval of these additional
9 terms to its General Terms and Conditions.

10 **Q: IS THE COMPANY PROPOSING ANY OTHER CHANGE**
11 **TO THE GENERAL TERMS AND CONDITIONS?**

12 A. SCE&G requests that Section III(J)(10) – “Conditions of Service:
13 Denial or Discontinuance of Service” of its General Terms and
14 Conditions be amended as shown in Exhibit C to the Application.
15 The requested amendment would allow the Company to refuse to
16 provide new service to a premise where members of the household
17 or business have not paid an undisputed bill. Under the present
18 Terms and Conditions, the Company cannot act on the non-payment
19 if the individual applying for the new service to the premises (who
20 may be a landlord or other non-resident) is not the individual listed
21 on the unpaid bill or a member of that individual’s household. This
22 change will correct what we believe to be an unintended loophole in
23 the existing policy.

24 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

25 A. Yes.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

CLASSIFICATION OF INVESTMENT

DOCKET NO. 2002-223-E

| ITEM | CLASSIFICATION | | |
|--------------------------------------|----------------|--------|--------|
| | Customer | Demand | Energy |
| PRODUCTION PLANT & CWIP | | X | |
| TRANSMISSION PLANT & CWIP | X | X | |
| <u>DISTRIBUTION PLANT & CWIP</u> | | | |
| SUBSTATIONS | X | X | |
| LINES | X | X | |
| TRANSFORMERS | X | X | |
| METERS | X | | |
| SERVICES | X | | |
| GENERAL & COMMON PLANT | X | X | |
| <u>MATERIAL & SUPPLIES</u> | | | |
| FUEL | | | X |
| OTHER | X | X | |
| WORKING CAPITAL | X | X | X |

SOUTH CAROLINA ELECTRIC & GAS COMPANY

CLASSIFICATION OF INVESTMENT

DOCKET NO. 2002-223-E

| <u>ITEM</u> | <u>CLASSIFICATION</u> | | |
|-----------------------------|-----------------------|---------------|---------------|
| | <u>Customer</u> | <u>Demand</u> | <u>Energy</u> |
| <u>EXPENSES - O & M</u> | | | |
| PRODUCTION | | X | X |
| TRANSMISSION | X | X | |
| DISTRIBUTION | X | X | |
| CUSTOMER ACCOUNTS | X | | |
| CUSTOMER SERVICE | X | | |
| SALES | X | | |
| ADMINISTRATIVE & GENERAL | X | X | X |
| <u>DEPRECIATION</u> | | | |
| PRODUCTION | | X | |
| TRANSMISSION | X | X | |
| DISTRIBUTION | X | X | |
| GENERAL & COMMON | X | X | |
| <u>TAXES</u> | | | |
| PROPERTY | X | X | |
| GENERATION | | | X |

SOUTH CAROLINA ELECTRIC AND GAS COMPANY

FULLY DISTRIBUTED COST OF SERVICE STUDY

TEST YEAR: 12 MONTHS ENDED MARCH 31, 2002

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. (JRH-2)
Page 1

| Description | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|-----------------------------------|-------------|-----------|-----------|-----------|-----------|----------|-------------|
| 1 TOTAL REVENUES | 1,284,638 | 533,691 | 230,780 | 135,594 | 299,822 | 28,282 | 1,228,169 |
| 2 OPERATING EXPENSES | | | | | | | |
| 3 O&M EXPENSES - FUEL | 349,266 | 116,159 | 52,793 | 42,427 | 109,048 | 4,112 | 324,540 |
| 4 - OTHER | 320,849 | 148,602 | 59,702 | 29,111 | 62,391 | 6,794 | 306,600 |
| 5 DEPRECIATION & AMORT. EXPENSE | 172,979 | 75,100 | 34,482 | 17,369 | 33,432 | 4,818 | 165,201 |
| 6 TAXES OTHER THAN INCOME | 94,477 | 41,195 | 18,772 | 9,743 | 18,113 | 2,824 | 90,646 |
| 7 TOTAL INCOME TAXES | 88,571 | 39,572 | 16,453 | 9,572 | 19,674 | 3,166 | 88,437 |
| 8 TOTAL OPERATING EXPENSES | 1,026,142 | 420,629 | 182,202 | 108,221 | 242,658 | 21,714 | 975,424 |
| 9 OPERATING RETURN | 258,496 | 113,062 | 48,578 | 27,373 | 57,164 | 6,568 | 252,745 |
| 10 CUSTOMER GROWTH | 1,986 | 1,252 | 411 | 254 | 0 | 69 | 1,986 |
| 11 INTEREST ON CUSTOMER DEPOSITS | (1,169) | (980) | (132) | (18) | (5) | (34) | (1,169) |
| 12 RETURN | 259,313 | 113,335 | 48,857 | 27,608 | 57,159 | 6,603 | 253,562 |
| 13 RATEBASE | | | | | | | |
| 14 ELECTRIC PLANT IN SERVICE | 5,022,298 | 2,193,975 | 1,026,431 | 508,305 | 927,471 | 153,555 | 4,809,736 |
| 15 RESERVE FOR DEPRECIATION | (1,664,366) | (728,927) | (340,098) | (167,692) | (304,742) | (53,269) | (1,594,728) |
| 16 NET PLANT | 3,357,932 | 1,465,048 | 686,333 | 340,613 | 622,729 | 100,286 | 3,215,008 |
| 17 TOTAL CONST. WORK IN PROGRESS | 502,760 | 208,714 | 95,651 | 52,565 | 112,505 | 5,309 | 474,744 |
| 18 TOTAL DEFERRED DEBITS/CREDITS | (135,610) | (60,943) | (26,712) | (12,626) | (24,694) | (5,385) | (130,361) |
| 19 TOTAL WORKING CAPITAL | 16,479 | (1,359) | 3,026 | 3,117 | 8,763 | (312) | 13,236 |
| 20 TOTAL MATERIALS & SUPPLIES | 156,725 | 57,210 | 26,093 | 17,951 | 42,593 | 3,175 | 147,022 |
| 21 ACCUM. DEFERRED INCOME TAXES | (482,040) | (210,994) | (98,072) | (48,441) | (89,182) | (15,008) | (461,697) |
| 22 TOTAL RATEBASE | 3,416,246 | 1,457,676 | 686,319 | 353,178 | 672,714 | 88,065 | 3,257,953 |
| 23 RATE OF RETURN | 7.59% | 7.78% | 7.12% | 7.82% | 8.50% | 7.50% | 7.78% |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---------------------------------------|-----------|------------------|------------------|----------------|----------------|----------------|------------|------------------|
| 1 ELECTRIC PLANT IN SERVICE | | | | | | | | |
| 2 PRODUCTION PLANT | | | | | | | | |
| 3 Steam | D10 | 1,086,294 | 439,299 | 201,037 | 116,851 | 261,173 | 0 | 1,018,361 |
| 4 Hydraulic | D10 | 265,034 | 107,180 | 49,049 | 28,509 | 63,721 | 0 | 248,460 |
| 5 Nuclear | D10 | 922,628 | 373,113 | 170,748 | 99,246 | 221,824 | 0 | 864,930 |
| 6 Other | D10 | 341,091 | 137,938 | 63,125 | 36,691 | 82,007 | 0 | 319,760 |
| 7 TOTAL PRODUCTION PLANT | | 2,615,047 | 1,057,530 | 483,959 | 281,298 | 628,725 | 0 | 2,451,511 |
| 8 TRANSMISSION PLANT | | | | | | | | |
| 9 350 - LAND & LAND RIGHTS | | | | | | | | |
| 10 Bulk Power Transmission | DM3 | 25,528 | 10,290 | 4,709 | 2,737 | 6,118 | 0 | 23,854 |
| 11 Sub-Transmission | DM3 | 2,367 | 954 | 437 | 254 | 567 | 0 | 2,212 |
| 12 Distribution Substations | D30 | 329 | 158 | 96 | 39 | 28 | 5 | 327 |
| 13 Direct Assignment | P350DA | 2,665 | 0 | 26 | 5 | 2,634 | 0 | 2,665 |
| 14 TOTAL ACCOUNT 350 | | 30,889 | 11,402 | 5,269 | 3,035 | 9,347 | 5 | 29,058 |
| 15 352-353 SUBSTATIONS | | | | | | | | |
| 16 Bulk Power Transmission | DM3 | 119,147 | 48,026 | 21,978 | 12,775 | 28,553 | 0 | 111,332 |
| 17 Sub-Transmission | DM3 | 31,007 | 12,498 | 5,720 | 3,325 | 7,431 | 0 | 28,973 |
| 18 Distribution Substations | D30 | 34,257 | 16,495 | 10,047 | 4,089 | 2,905 | 555 | 34,090 |
| 19 TOTAL ACCOUNTS 352-353 | | 184,411 | 77,020 | 37,745 | 20,188 | 38,888 | 555 | 174,396 |
| 20 354-356 OVERHEAD LINES | | | | | | | | |
| 21 Bulk Power Transmission | DM3 | 185,503 | 74,773 | 34,219 | 19,889 | 44,454 | 0 | 173,336 |
| 22 Sub-Transmission | DM3 | 39,252 | 15,822 | 7,241 | 4,209 | 9,406 | 0 | 36,677 |
| 23 Direct Assignment | P354DA | 19,517 | 0 | 336 | 135 | 18,721 | 0 | 19,193 |
| 24 Distribution Substations | DM3 | 213 | 86 | 39 | 23 | 51 | 0 | 199 |
| 25 TOTAL ACCOUNTS 354-356 | | 244,485 | 90,681 | 41,835 | 24,256 | 72,633 | 0 | 229,405 |
| 26 357-358 UNDERGROUND LINES | | | | | | | | |
| 27 Bulk Power Transmission | DM3 | 7,782 | 3,137 | 1,436 | 834 | 1,865 | 0 | 7,272 |
| 28 Sub-Transmission | DM3 | 1,636 | 659 | 302 | 175 | 392 | 0 | 1,529 |
| 29 TOTAL ACCOUNTS 357-358 | | 9,418 | 3,796 | 1,737 | 1,010 | 2,257 | 0 | 8,800 |
| 30 359 - ROADS AND TRAILS | | | | | | | | |
| 31 Bulk Power Transmission | DM3 | 5 | 2 | 1 | 1 | 1 | 0 | 5 |
| 32 Sub-Transmission | DM3 | 4 | 2 | 1 | 0 | 1 | 0 | 4 |
| 33 TOTAL ACCOUNT 359 | | 9 | 4 | 2 | 1 | 2 | 0 | 8 |
| 34 TOTAL TRANSMISSION PLANT | | 469,212 | 182,903 | 86,587 | 48,490 | 123,127 | 560 | 441,668 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|-------------------------------------|-----------|-----------|---------|---------|---------|--------|---------|-----------|
| 1 DISTRIBUTION PLANT | | | | | | | | |
| 2 360 - LAND & LAND RIGHTS | | | | | | | | |
| 3 SUBSTATIONS | | | | | | | | |
| 4 Bulk | D30 | 8,147 | 3,923 | 2,389 | 972 | 691 | 132 | 8,107 |
| 5 Direct Assignment | P360DA | 27 | 0 | 0 | 0 | 27 | 0 | 27 |
| 6 Sub-Total Substations | | 8,174 | 3,923 | 2,389 | 972 | 718 | 132 | 8,134 |
| 7 OVERHEAD LINES | | | | | | | | |
| 8 Primary - Customer Comp | D30 | 36,940 | 17,787 | 10,834 | 4,409 | 3,132 | 599 | 36,760 |
| 9 TOTAL ACCOUNT 360 | | 45,114 | 21,709 | 13,223 | 5,382 | 3,850 | 731 | 44,895 |
| 10 361-363 SUBSTATIONS | | | | | | | | |
| 11 Bulk | D30 | 146,399 | 70,491 | 42,935 | 17,475 | 12,414 | 2,372 | 145,687 |
| 12 Direct Assignment | P361DA | 40,198 | 0 | 1,445 | 250 | 37,843 | 0 | 39,538 |
| 13 TOTAL ACCOUNTS 361-363 | | 186,597 | 70,491 | 44,380 | 17,725 | 50,257 | 2,372 | 185,225 |
| 14 364-365 OVERHEAD LINES | | | | | | | | |
| 15 PRIMARY FUNCTION | D30 | 267,763 | 128,928 | 78,528 | 31,961 | 22,705 | 4,339 | 266,461 |
| 16 Capacity Component | | | | | | | | |
| 17 SECONDARY FUNCTION | C35 | 179,554 | 120,857 | 41,330 | 15,824 | 0 | 1,543 | 179,554 |
| 18 Customer Component | | 447,317 | 249,786 | 119,858 | 47,785 | 22,705 | 5,881 | 446,015 |
| 19 TOTAL ACCOUNTS 364-365 | | | | | | | | |
| 20 366-367 UNDERGROUND LINES | | | | | | | | |
| 21 Primary Function | D30 | 156,499 | 75,355 | 45,897 | 18,680 | 13,271 | 2,536 | 155,738 |
| 22 Secondary Function | C35 | 89,807 | 60,449 | 20,672 | 7,915 | 0 | 772 | 89,807 |
| 23 TOTAL ACCOUNTS 366-367 | | 246,306 | 135,803 | 66,569 | 26,595 | 13,271 | 3,307 | 245,545 |
| 24 368 - TRANSFORMERS | | | | | | | | |
| 25 Bulk Power Transmission | D10 | 4,411 | 1,784 | 816 | 474 | 1,061 | 0 | 4,135 |
| 26 Primary Function | D30 | 13,529 | 6,514 | 3,968 | 1,615 | 1,147 | 219 | 13,463 |
| 27 SECONDARY FUNCTION | | | | | | | | |
| 28 Capacity Component | D35 | 155,795 | 82,723 | 50,200 | 20,089 | 0 | 2,784 | 155,795 |
| 29 Customer Component | C35 | 76,714 | 51,636 | 17,658 | 6,761 | 0 | 659 | 76,714 |
| 30 TOTAL ACCOUNT 368 | | 250,449 | 142,657 | 72,642 | 28,939 | 2,208 | 3,662 | 250,107 |
| 31 369 - SERVICES | | | | | | | | |
| 32 Customer Component | C36 | 153,299 | 104,079 | 35,592 | 13,627 | 0 | 0 | 153,299 |
| 33 TOTAL ACCOUNT 369 | | 153,299 | 104,079 | 35,592 | 13,627 | 0 | 0 | 153,299 |
| 34 370 - METERS | | | | | | | | |
| 35 373 - STREET LIGHTING | P370 | 87,610 | 50,831 | 30,488 | 3,049 | 3,171 | 0 | 87,540 |
| | P373 | 122,884 | 0 | 0 | 0 | 0 | 122,884 | 122,884 |
| 36 TOTAL DISTRIBUTION PLANT | | 1,539,576 | 775,357 | 382,753 | 143,101 | 95,462 | 138,838 | 1,535,511 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. ____ (JRH-2)
Page 4

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|--------------------------------------|-----------|-------------|-----------|-----------|-----------|-----------|----------|-------------|
| 1 GENERAL PLANT | | | | | | | | |
| 2 389 - LAND & LAND RIGHTS | LABOR | 2,749 | 1,229 | 505 | 244 | 553 | 98 | 2,629 |
| 3 390-398 OTHER GENERAL PLANT | LABOR | 110,629 | 49,471 | 20,304 | 9,833 | 22,255 | 3,931 | 105,793 |
| 4 TOTAL GENERAL PLANT | | 113,378 | 50,700 | 20,809 | 10,077 | 22,808 | 4,028 | 108,422 |
| 5 INTANGIBLE PLANT | | | | | | | | |
| | LABOR | 118,237 | 52,873 | 21,701 | 10,509 | 23,785 | 4,201 | 113,069 |
| 6 COMMON PLANT | | | | | | | | |
| 7 489 - LAND & LAND RIGHTS | LABOR | 4,953 | 2,215 | 909 | 440 | 996 | 176 | 4,737 |
| 8 490-498 OTHER COMMON PLANT | LABOR | 161,895 | 72,396 | 29,713 | 14,389 | 32,568 | 5,752 | 154,819 |
| 9 TOTAL COMMON PLANT | | 166,848 | 74,611 | 30,622 | 14,830 | 33,564 | 5,928 | 159,555 |
| 10 TOTAL ELECTRIC PLANT IN SERVICE | | 5,022,298 | 2,193,975 | 1,026,431 | 508,305 | 927,471 | 153,555 | 4,809,736 |
| 11 ACCUM. RESERVES FOR DEPRECIATION | | | | | | | | |
| 12 PRODUCTION | P10 | (837,498) | (338,686) | (154,993) | (90,089) | (201,356) | 0 | (785,124) |
| 13 TRANSMISSION | P20L | (162,934) | (63,750) | (30,228) | (16,897) | (42,295) | (206) | (153,376) |
| 14 DISTRIBUTION | P30L | (518,142) | (261,296) | (128,119) | (47,748) | (31,763) | (47,883) | (516,809) |
| 15 GENERAL | P40L | (89,532) | (40,037) | (16,432) | (7,958) | (18,011) | (3,181) | (85,619) |
| 16 COMMON (ELECTRIC PORTION) | PCL | (56,260) | (25,158) | (10,326) | (5,000) | (11,318) | (1,999) | (53,801) |
| 17 TOTAL ACCUM. RESERVES FOR DEPREC. | | (1,664,366) | (728,927) | (340,098) | (167,692) | (304,742) | (53,269) | (1,594,728) |
| 18 NET ELECTRIC PLANT IN SERVICE | | 3,357,932 | 1,465,048 | 686,333 | 340,613 | 622,729 | 100,286 | 3,215,008 |
| 19 CONSTRUCTION WORK IN PROGRESS | | | | | | | | |
| 20 PRODUCTION | P10 | 385,629 | 155,949 | 71,367 | 41,482 | 92,715 | 0 | 361,513 |
| 21 TRANSMISSION | P20 | 35,344 | 13,778 | 6,522 | 3,653 | 9,274 | 42 | 33,269 |
| 22 DISTRIBUTION | P30 | 42,587 | 21,458 | 10,567 | 3,946 | 2,630 | 3,875 | 42,476 |
| 23 GENERAL | P40 | 19,014 | 8,503 | 3,490 | 1,690 | 3,825 | 676 | 18,183 |
| 24 COMMON (ELECTRIC PORTION) | PC | 20,186 | 9,027 | 3,705 | 1,794 | 4,061 | 717 | 19,304 |
| 25 TOTAL CONSTR. WORK IN PROGRESS | | 502,760 | 208,714 | 95,651 | 52,565 | 112,505 | 5,309 | 474,744 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---|------------------|-----------|-----------|-----------|----------|-----------|----------|-----------|
| 1 MATERIALS AND SUPPLIES | | | | | | | | |
| 2 NUCLEAR FUEL INVENTORY | E10 | 50,714 | 16,867 | 7,666 | 6,160 | 15,834 | 597 | 47,124 |
| 3 FOSSIL FUEL INVENTORY | E10 | 42,562 | 14,155 | 6,433 | 5,170 | 13,289 | 501 | 39,549 |
| 4 EMISSION ALLOWANCES | E10 | 14,442 | 4,803 | 2,183 | 1,754 | 4,509 | 170 | 13,420 |
| 5 PLANT MATERIALS AND SUPPLIES | | | | | | | | |
| 6 Plant Materials | D10 | 21,081 | 8,525 | 3,901 | 2,268 | 5,068 | 0 | 19,763 |
| 7 Substation Materials | P11 | 1,227 | 488 | 272 | 125 | 295 | 10 | 1,189 |
| 8 Wire and Cable | P12 | 3,005 | 1,479 | 702 | 313 | 414 | 26 | 2,934 |
| 9 Poles and Hardware | P12 | 3,606 | 1,775 | 843 | 376 | 497 | 31 | 3,521 |
| 10 Underground Material | P13 | 1,742 | 951 | 465 | 188 | 106 | 23 | 1,733 |
| 11 Street Lighting Material | P373 | 1,314 | 0 | 0 | 0 | 0 | 1,314 | 1,314 |
| 12 Meters | P370 | 456 | 265 | 159 | 16 | 17 | 0 | 456 |
| 13 Transformers | P368 | 3,989 | 2,272 | 1,157 | 461 | 35 | 58 | 3,984 |
| 14 Reels, Drums, and Containers | P12 | 40 | 20 | 9 | 4 | 6 | 0 | 39 |
| 15 TOTAL PLANT MATERIALS AND SUPPLIES | | 36,460 | 15,774 | 7,509 | 3,750 | 6,437 | 1,461 | 34,931 |
| 16 COMMON MATERIALS AND SUPPLIES | PC | 12,547 | 5,611 | 2,303 | 1,115 | 2,524 | 446 | 11,999 |
| 17 TOTAL M&S EXCLUDING FUEL | | 49,007 | 21,385 | 9,811 | 4,866 | 8,961 | 1,907 | 46,930 |
| 18 WORKING CASH | | 72,051 | 28,882 | 12,141 | 7,581 | 18,090 | 1,277 | 67,971 |
| 19 PREPAYMENTS | | | | | | | | |
| 20 Plant Prepayments | POO | 3,642 | 1,596 | 747 | 368 | 663 | 117 | 3,491 |
| 21 Other Taxes Prepayments | TIPOO | 4,710 | 2,059 | 938 | 486 | 895 | 146 | 4,523 |
| 22 Municipal Licenses | RSLMUN | 1,653 | 840 | 393 | 271 | 117 | 32 | 1,653 |
| 23 TOTAL PREPAYMENTS | | 10,005 | 4,494 | 2,079 | 1,124 | 1,675 | 294 | 9,667 |
| 24 GRID SOUTH CAPITAL COSTS | | | | | | | | |
| 25 DEF. DEBIT / ENVIRONMENTAL | DEM_TRANS PTD | 6,575 | 2,650 | 1,213 | 705 | 1,576 | 0 | 6,144 |
| | | 95 | 41 | 20 | 10 | 17 | 3 | 91 |
| 26 TOTAL ADDITIONS TO NET PLANT | | 748,211 | 301,992 | 137,197 | 79,935 | 176,457 | 10,059 | 705,639 |
| 27 ACCUM. DEFERRED INCOME TAXES | | | | | | | | |
| 28 Production Related | P10 | (235,404) | (95,198) | (43,566) | (25,322) | (56,597) | 0 | (220,683) |
| 29 Transmission & Distribution Related | TD | (184,404) | (87,967) | (43,085) | (17,588) | (20,066) | (12,797) | (181,502) |
| 30 General & Common Related | GC | (62,232) | (27,829) | (11,422) | (5,531) | (12,519) | (2,211) | (59,512) |
| 31 TOTAL ACCUM. DEF. INCOME TAXES | | (482,040) | (210,994) | (98,072) | (48,441) | (89,182) | (15,008) | (461,697) |
| 32 AVERAGE TAX ACCRUALS | | | | | | | | |
| 33 CUSTOMER DEPOSITS | AVGTAX | (46,304) | (20,032) | (8,684) | (4,979) | (10,276) | (1,309) | (45,280) |
| 34 INJURIES AND DAMAGES | PCD | (15,655) | (13,118) | (1,768) | (243) | (67) | (459) | (15,655) |
| 35 OPEBS | POO | (3,618) | (1,585) | (742) | (365) | (659) | (116) | (3,468) |
| 36 STORM RESERVE | LABOR | (64,465) | (28,827) | (11,832) | (5,730) | (12,968) | (2,290) | (61,646) |
| 37 DEFERRED CREDIT | TD | (16,797) | (8,013) | (3,925) | (1,602) | (1,828) | (1,166) | (16,533) |
| 38 SYN FUEL TAX CREDIT OFFSET TO RATEBASE | G | (17,290) | (7,732) | (3,173) | (1,537) | (3,478) | (614) | (16,534) |
| | PTD | (43,728) | (19,063) | (9,015) | (4,472) | (8,013) | (1,318) | (41,882) |
| 39 TOTAL DEDUCTIONS FROM NET PLANT | | (689,897) | (309,363) | (137,211) | (67,370) | (126,472) | (22,279) | (662,695) |
| 40 TOTAL RATEBASE | | 3,416,246 | 1,457,676 | 686,319 | 353,178 | 672,714 | 88,065 | 3,257,953 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. ____ (JRH-2)
Page 6

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|----------------------------------|-----------|-----------|---------|---------|---------|---------|--------|-----------|
| 1 OPERATING REVENUES | | | | | | | | |
| 2 SALES OF ELECTRICITY | RSL | 1,217,382 | 507,063 | 218,863 | 128,523 | 283,293 | 26,920 | 1,164,662 |
| 3 OTHER OPERATING REVENUES | | | | | | | | |
| 4 SHORT TERM OPPORTUNITY SALES | | | | | | | | |
| 5 Demand Component | D10 | 9,429 | 3,813 | 1,745 | 1,014 | 2,267 | 0 | 8,839 |
| 6 Energy Component | E10 | 38,436 | 12,783 | 5,810 | 4,669 | 12,001 | 453 | 35,715 |
| 7 TOTAL SHORT TERM SALES | | 47,865 | 16,596 | 7,555 | 5,683 | 14,267 | 453 | 44,554 |
| 8 450 - FORFEITED DISCOUNTS | E904 | 1,934 | 1,370 | 268 | 213 | 29 | 53 | 1,934 |
| 9 451 - MISCELLANEOUS | R451DA | 4,678 | 3,268 | 1,410 | 0 | 0 | 0 | 4,678 |
| 10 454 - RENT | | | | | | | | |
| 11 Distribution Function | P30 | 3,805 | 1,917 | 944 | 353 | 235 | 346 | 3,795 |
| 12 Direct Assignment | R454DA | 1,611 | 0 | 36 | 127 | 1,204 | 5 | 1,372 |
| 13 TOTAL ACCOUNT 454 | | 5,416 | 1,917 | 980 | 479 | 1,439 | 351 | 5,167 |
| 14 TRANSMISSION REVENUE - SEPA | R456DA | 75 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 456 - OTHER ELECTRIC REVENUES | TD | 7,288 | 3,477 | 1,703 | 695 | 793 | 506 | 7,173 |
| 16 TOTAL OTHER REVENUE | | 67,256 | 26,628 | 11,916 | 7,071 | 16,529 | 1,363 | 63,507 |
| 17 TOTAL OPERATING REVENUES | | 1,284,638 | 533,691 | 230,780 | 135,594 | 299,822 | 28,282 | 1,228,169 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. ____ (JRH-2)
Page 7

| Account | Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---------|--|-----------|----------------|---------------|---------------|---------------|---------------|--------------|----------------|
| 1 | OPERATION AND MAINTENANCE EXPENSE | | | | | | | | |
| 2 | PRODUCTION EXPENSES | | | | | | | | |
| 3 | OPERATION | | | | | | | | |
| 4 | 500 Supervision and Engineering | Z500 | 3,475 | 1,359 | 621 | 383 | 882 | 8 | 3,252 |
| 5 | 501 Fuel | E10 | 196,367 | 65,308 | 29,682 | 23,853 | 61,310 | 2,312 | 182,465 |
| 6 | 502 Steam Expenses | P10 | 20,704 | 8,373 | 3,832 | 2,227 | 4,978 | 0 | 19,409 |
| 7 | 504 Steam Transferred - Cr. | P10 | (2,270) | (918) | (420) | (244) | (546) | 0 | (2,128) |
| 8 | 505 Electric Expenses | P10 | 5,781 | 2,338 | 1,070 | 622 | 1,390 | 0 | 5,419 |
| 9 | 506 Misc. Steam Expenses | P10 | 9,002 | 3,640 | 1,666 | 968 | 2,164 | 0 | 8,439 |
| 10 | 507 Rents | P10 | 272 | 110 | 50 | 29 | 65 | 0 | 255 |
| 11 | 509 Emission Allowance Expenses | P10 | 7,831 | 2,604 | 1,184 | 951 | 2,445 | 92 | 7,277 |
| 12 | TOTAL STEAM OPERATION | | 241,162 | 82,814 | 37,684 | 28,790 | 72,689 | 2,412 | 224,389 |
| 13 | MAINTENANCE | | | | | | | | |
| 14 | 510 Supervision and Engineering | E10 | 386 | 128 | 58 | 47 | 121 | 5 | 359 |
| 15 | 511 Structures | P10 | 893 | 361 | 165 | 96 | 215 | 0 | 837 |
| 16 | 512 Boiler Plant | E10 | 14,650 | 4,872 | 2,214 | 1,780 | 4,574 | 172 | 13,613 |
| 17 | 513 Electric Plant | E10 | 4,932 | 1,640 | 745 | 599 | 1,540 | 58 | 4,583 |
| 18 | 514 Misc. Steam Expenses | P10 | 3,560 | 1,440 | 659 | 383 | 856 | 0 | 3,337 |
| 19 | TOTAL STEAM MAINTENANCE | | 24,421 | 8,442 | 3,842 | 2,905 | 7,305 | 235 | 22,729 |
| 20 | NUCLEAR POWER GENERATION | | | | | | | | |
| 21 | OPERATION | | | | | | | | |
| 22 | 517 Supervision and Engineering | Z517 | 7,574 | 3,063 | 1,402 | 815 | 1,821 | 0 | 7,100 |
| 23 | 518 Fuel | E10 | 25,252 | 8,398 | 3,817 | 3,067 | 7,884 | 297 | 23,464 |
| 24 | 519 Coolants and Water | P10 | 1,607 | 650 | 297 | 173 | 386 | 0 | 1,507 |
| 25 | 520 Steam Expenses | P10 | 3,369 | 1,362 | 623 | 362 | 810 | 0 | 3,158 |
| 26 | 523 Electric Expenses | P10 | 712 | 288 | 132 | 77 | 171 | 0 | 667 |
| 27 | 524 Misc. Nuclear Expenses | P10 | 23,372 | 9,452 | 4,325 | 2,514 | 5,619 | 0 | 21,910 |
| 28 | TOTAL STEAM OPERATION | | 61,886 | 23,213 | 10,597 | 7,008 | 16,692 | 297 | 57,807 |
| 29 | MAINTENANCE | | | | | | | | |
| 30 | 528 Supervision and Engineering | E10 | 5,352 | 1,780 | 809 | 650 | 1,671 | 63 | 4,973 |
| 31 | 529 Structures | P10 | 1,632 | 660 | 302 | 176 | 392 | 0 | 1,530 |
| 32 | 530 Reactor Plant Equipment | E10 | 4,043 | 1,345 | 611 | 491 | 1,262 | 48 | 3,757 |
| 33 | 531 Electric Plant | E10 | 967 | 322 | 146 | 117 | 302 | 11 | 899 |
| 34 | 532 Misc. Nuclear Plant | P10 | 5,712 | 2,310 | 1,057 | 614 | 1,373 | 0 | 5,355 |
| 35 | TOTAL STEAM MAINTENANCE | | 17,706 | 6,416 | 2,925 | 2,049 | 5,001 | 122 | 16,513 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. (JRH-2)
Page 8

| Account | Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---------|---|-----------|----------|---------|---------|---------|---------|--------|----------|
| 1 | HYDRAULIC POWER GENERATION | | | | | | | | |
| 2 | OPERATION | | | | | | | | |
| 3 | 535 Supervision and Engineering | Z535 | 558 | 228 | 103 | 60 | 134 | 0 | 523 |
| 4 | 536 Water for Power | P10 | 106 | 43 | 20 | 11 | 25 | 0 | 99 |
| 5 | 537 Hydraulic Expenses | P10 | 975 | 394 | 180 | 105 | 234 | 0 | 914 |
| 6 | 538 Electric Expenses | P10 | 486 | 197 | 90 | 52 | 117 | 0 | 456 |
| 7 | 539 Misc. Hydraulic Power Expenses | P10 | 677 | 274 | 125 | 73 | 163 | 0 | 635 |
| 8 | TOTAL HYDRO OPERATION | | 2,802 | 1,133 | 519 | 301 | 674 | 0 | 2,627 |
| 9 | MAINTENANCE | | | | | | | | |
| 10 | 541 Supervision and Engineering | Z541 | 132 | 47 | 22 | 15 | 38 | 1 | 123 |
| 11 | 542 Structures | P10 | 22 | 9 | 4 | 2 | 5 | 0 | 21 |
| 12 | 543 Dams and Waterways | P10 | 544 | 220 | 101 | 59 | 131 | 0 | 510 |
| 13 | 544 Electric Plant | E10 | 2,194 | 730 | 332 | 267 | 685 | 26 | 2,039 |
| 14 | 545 Misc. Hydraulic Plant Maintenance | P10 | 187 | 76 | 35 | 20 | 45 | 0 | 175 |
| 15 | TOTAL HYDRO MAINTENANCE | | 3,079 | 1,082 | 493 | 363 | 904 | 27 | 2,868 |
| 16 | OTHER POWER GENERATION | | | | | | | | |
| 17 | OPERATION | | | | | | | | |
| 18 | 546 Supervision and Engineering | Z546 | 132 | 53 | 24 | 14 | 32 | 0 | 124 |
| 19 | 547 Fuel | E10 | 3,970 | 1,320 | 600 | 482 | 1,240 | 47 | 3,689 |
| 20 | 548 Generation Expenses | P10 | 8,831 | 3,571 | 1,634 | 950 | 2,123 | 0 | 8,279 |
| 21 | 549 Misc. Other Power Generation Expenses | P10 | 185 | 75 | 34 | 20 | 44 | 0 | 173 |
| 22 | OTHER OPERATION | | 13,118 | 5,020 | 2,293 | 1,466 | 3,439 | 47 | 12,265 |
| 23 | MAINTENANCE | | | | | | | | |
| 24 | 551 Supervision and Engineering | Z551 | 75 | 30 | 14 | 8 | 18 | 0 | 70 |
| 25 | 552 Structures | P10 | 140 | 57 | 26 | 15 | 34 | 0 | 131 |
| 26 | 553 Generating and Electric Equipment | P10 | 1,359 | 550 | 252 | 146 | 327 | 0 | 1,274 |
| 27 | 554 Misc. Other | P10 | 79 | 32 | 15 | 8 | 19 | 0 | 74 |
| 28 | OTHER MAINTENANCE | | 1,653 | 668 | 306 | 178 | 397 | 0 | 1,550 |
| 29 | OTHER POWER SUPPLY EXPENSE | | | | | | | | |
| 30 | 555D Purchased Power - Demand | D10 | 35,380 | 14,308 | 6,548 | 3,806 | 8,506 | 0 | 33,167 |
| 31 | 555E Purchased Power - Energy | E10 | (21,881) | (7,277) | (3,307) | (2,658) | (6,832) | (258) | (20,332) |
| 32 | 555F Purchased Power - Fuel | E10 | 54,960 | 18,279 | 8,307 | 6,676 | 17,160 | 647 | 51,069 |
| 33 | 555G Purchased Power - GENCO Fuel | E10 | 60,886 | 20,250 | 9,203 | 7,396 | 19,010 | 717 | 56,576 |
| 34 | 556 System Control and Load Dispatching | D10 | 1,277 | 516 | 236 | 137 | 307 | 0 | 1,197 |
| 35 | 557 Other Expenses | D10 | 381 | 154 | 71 | 41 | 92 | 0 | 357 |
| 36 | TOTAL OTHER PWR SUPPLY | | 131,003 | 46,229 | 21,058 | 15,398 | 38,243 | 1,106 | 122,035 |
| 37 | TOTAL PRODUCTION EXPENSE | | 496,830 | 175,017 | 79,717 | 58,458 | 145,343 | 4,246 | 462,782 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. ____ (JRH-2)
Page 9

| Account | Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---------|---|-----------|--------|-------|-------|--------|-------|--------|--------|
| 1 | TRANSMISSION EXPENSE | | | | | | | | |
| 2 | OPERATION | | | | | | | | |
| 3 | 560 Supervision and Engineering | Z560 | 503 | 202 | 95 | 53 | 122 | 1 | 473 |
| 4 | 561 Load Dispatching | D10 | 561 | 227 | 104 | 60 | 135 | 0 | 526 |
| 5 | 562 Station Expenses | P3523 | 436 | 182 | 89 | 48 | 92 | 1 | 412 |
| 6 | 563 Overhead Lines Expenses | P3546 | 110 | 41 | 19 | 11 | 33 | 0 | 103 |
| 7 | 565 Transmission of Electricity by Others | D10 | 2,688 | 1,087 | 497 | 289 | 646 | 0 | 2,520 |
| 8 | 566 Misc. Transmission Expenses | P20 | 3,903 | 1,521 | 720 | 403 | 1,024 | 5 | 3,674 |
| 9 | 567 Rents | P20 | 51 | 20 | 9 | 5 | 13 | 0 | 48 |
| 10 | TOTAL OPERATION | | 8,252 | 3,280 | 1,534 | 870 | 2,065 | 7 | 7,756 |
| 11 | MAINTENANCE | | | | | | | | |
| 12 | 568 Supervision and Engineering | Z568 | 25 | 10 | 5 | 3 | 6 | 0 | 24 |
| 13 | 569 Structures | P3523 | 30 | 13 | 6 | 3 | 6 | 0 | 28 |
| 14 | 570 Station Equipment | P3523 | 1,828 | 763 | 374 | 200 | 385 | 6 | 1,729 |
| 15 | 571 Overhead Lines | P3546 | 3,821 | 1,417 | 654 | 379 | 1,135 | 0 | 3,585 |
| 16 | 573 Maintenance of Misc. Transmission Plant | P20 | 54 | 21 | 10 | 6 | 14 | 0 | 51 |
| 17 | TOTAL MAINTENANCE | | 5,758 | 2,225 | 1,049 | 591 | 1,547 | 6 | 5,417 |
| 18 | TOTAL TRANSMISSION | | 14,010 | 5,505 | 2,583 | 1,461 | 3,612 | 12 | 13,173 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. (JRH-2)
Page 10

| Account | Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---------|-------------------------------------|-----------|--------|--------|-------|--------|-------|--------|--------|
| 1 | DISTRIBUTION EXPENSE | | | | | | | | |
| 2 | OPERATION | | | | | | | | |
| 3 | 580 Supervision and Engineering | Z580 | 568 | 288 | 154 | 44 | 36 | 44 | 567 |
| 4 | 581 Load Dispatching | D30 | 573 | 276 | 168 | 68 | 49 | 9 | 570 |
| 5 | 582 Station Expenses | P3613 | 376 | 142 | 89 | 36 | 101 | 5 | 373 |
| 6 | 583 Overhead Line Expenses | P3645 | 1,275 | 712 | 342 | 136 | 65 | 17 | 1,271 |
| 7 | 584 Underground Line Expenses | P3667 | 352 | 194 | 95 | 38 | 19 | 5 | 351 |
| 8 | 585 Street Lighting Expenses | P373 | 478 | 0 | 0 | 0 | 0 | 478 | 478 |
| 9 | 586 Meter Expenses | P370 | 1,370 | 795 | 477 | 48 | 50 | 0 | 1,369 |
| 10 | 587 Customer Installations Expenses | P371 | 36 | 36 | 0 | 0 | 0 | 0 | 36 |
| 11 | 588 Misc. Distribution Expense | P30 | 3,664 | 1,846 | 909 | 340 | 226 | 333 | 3,654 |
| 12 | 589 Rents | P30 | 91 | 46 | 23 | 8 | 6 | 8 | 91 |
| 13 | TOTAL OPERATION | | 8,783 | 4,335 | 2,257 | 718 | 551 | 899 | 8,760 |
| 14 | MAINTENANCE | | | | | | | | |
| 15 | 590 Supervision and Engineering | Z590 | 266 | 120 | 61 | 24 | 23 | 38 | 265 |
| 16 | 591 Structures | P3613 | 7 | 3 | 2 | 1 | 2 | 0 | 7 |
| 17 | 592 Station Equipment | P3613 | 1,968 | 743 | 468 | 187 | 530 | 25 | 1,954 |
| 18 | 593 Overhead Lines | P3645 | 15,978 | 8,922 | 4,281 | 1,707 | 811 | 210 | 15,932 |
| 19 | 594 Underground Lines | P3667 | 1,318 | 727 | 356 | 142 | 71 | 18 | 1,314 |
| 20 | 595 Line Transformers | P368 | 255 | 145 | 74 | 29 | 2 | 4 | 255 |
| 21 | 596 Street Lighting | P373 | 1,688 | 0 | 0 | 0 | 0 | 1,688 | 1,688 |
| 22 | 597 Meters | P370 | 73 | 42 | 25 | 3 | 3 | 0 | 73 |
| 23 | TOTAL DISTRIBUTION MAINTENANCE | | 21,553 | 10,702 | 5,267 | 2,093 | 1,442 | 1,983 | 21,487 |
| 24 | TOTAL DISTRIBUTION | | 30,336 | 15,037 | 7,524 | 2,811 | 1,992 | 2,882 | 30,247 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. (JRH-2)
Page 11

| Account | Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---------|--|-----------|--------|--------|-------|--------|-------|--------|--------|
| 1 | CUSTOMER ACCOUNTS EXPENSE | | | | | | | | |
| 2 | Supervision | Z901 | 2,211 | 1,640 | 316 | 12 | 5 | 238 | 2,211 |
| 3 | Meter Reading Expenses | CUST1 | 3,527 | 2,584 | 862 | 39 | 41 | 0 | 3,526 |
| 4 | Customer Records and Collection Expenses | C10 | 25,585 | 21,813 | 3,622 | 116 | 15 | 19 | 25,585 |
| 5 | Uncollectible Accounts | E904DA | 1,864 | 1,321 | 258 | 206 | 28 | 52 | 1,864 |
| 6 | Miscellaneous | CUSXX | 1,146 | 948 | 175 | 16 | 3 | 3 | 1,146 |
| 7 | TOTAL CUSTOMER ACCOUNTS | | 34,333 | 28,306 | 5,233 | 388 | 93 | 312 | 34,332 |
| 8 | CUSTOMER SERVICE & INFORMATIONAL EXPENSE | | | | | | | | |
| 9 | Supervision | Z907 | 371 | 87 | 82 | 0 | 202 | 0 | 371 |
| 10 | Customer Assistance | E908DA | 2,752 | 645 | 609 | 0 | 1,498 | 0 | 2,752 |
| 11 | Information and Instruction | E909DA | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 12 | Miscellaneous | CUSYY | 457 | 107 | 101 | 0 | 249 | 0 | 457 |
| 13 | TOTAL CUSTOMER SERV. & INFO. EXPENSE | | 3,581 | 839 | 793 | 0 | 1,949 | 0 | 3,581 |
| 14 | SALES EXPENSE | | | | | | | | |
| 15 | Supervision | Z911 | 137 | 34 | 22 | 27 | 33 | 20 | 135 |
| 16 | Demonstration and Selling Expenses | E912DA | 2,423 | 605 | 381 | 469 | 586 | 354 | 2,396 |
| 17 | Advertising Expenses | E913DA | 48 | 37 | 1 | 5 | 6 | 0 | 48 |
| 18 | Miscellaneous | CUSZZ | 140 | 36 | 22 | 27 | 34 | 20 | 138 |
| 19 | TOTAL SALES EXPENSE | | 2,748 | 713 | 425 | 527 | 658 | 394 | 2,717 |
| 20 | DEMAND SIDE MANAGEMENT EXPENSE | D10 | 509 | 220 | 100 | 58 | 131 | 0 | 509 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. ____ (JRH-2)
Page 12

| Accounts Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|--|-----------|---------|---------|---------|--------|---------|--------|---------|
| 1 ADMINISTRATIVE & GENERAL EXPENSE | | | | | | | | |
| 2 Salaries | LABOR | 22,477 | 10,051 | 4,125 | 1,998 | 4,522 | 799 | 21,495 |
| 3 Office Supplies and Expenses | LABOR | 21,125 | 9,447 | 3,877 | 1,878 | 4,250 | 751 | 20,202 |
| 4 Outside Services Employed | LABOR | 10,265 | 4,590 | 1,884 | 912 | 2,065 | 365 | 9,816 |
| 5 Property Insurance | LABOR | 2,814 | 1,258 | 516 | 250 | 566 | 100 | 2,691 |
| 6 Injuries and Damages | LABOR | 3,284 | 1,469 | 603 | 292 | 661 | 117 | 3,140 |
| 7 Employee Pensions and Benefits | LABOR | 17,095 | 7,645 | 3,138 | 1,519 | 3,439 | 607 | 16,348 |
| 8 Franchise Requirements | LABOR | 65 | 29 | 12 | 6 | 13 | 2 | 62 |
| 9 State Regulatory Commission Exp. | XPOO | 1,329 | 608 | 285 | 140 | 251 | 45 | 1,329 |
| 10 Federal Regulatory Commission Exp. | YPOO | 172 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 Other Regulatory Commission Exp. | D10 | 1,414 | 572 | 262 | 152 | 340 | 0 | 1,326 |
| 12 Duplicate Charges - Cr. | LABOR | (3,220) | (1,440) | (591) | (286) | (648) | (114) | (3,079) |
| 13 Miscellaneous | LABOR | 4,881 | 2,183 | 896 | 434 | 982 | 173 | 4,668 |
| 14 Rents | LABOR | 4,239 | 1,896 | 778 | 377 | 853 | 151 | 4,054 |
| 15 Maintenance of General Plant | LABOR | 1,828 | 817 | 336 | 162 | 368 | 65 | 1,748 |
| 16 TOTAL ADMINISTRATIVE & GENERAL EXPENSES | | 87,768 | 39,124 | 16,120 | 7,834 | 17,660 | 3,060 | 83,799 |
| 17 TOTAL OPERATION & MAINT. EXPENSE | | 670,115 | 264,761 | 112,496 | 71,537 | 171,440 | 10,906 | 631,140 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. ____ (JRH-2)
Page 13

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---|-----------|----------------|---------------|---------------|---------------|---------------|--------------|----------------|
| 1 DEPR. AND AMORT. EXPENSE | | | | | | | | |
| 2 DEPP PRODUCTION | P10 | 89,102 | 36,033 | 16,490 | 9,585 | 21,422 | 0 | 83,530 |
| 3 DEPT TRANSMISSION | P20L | 13,322 | 5,212 | 2,472 | 1,382 | 3,458 | 17 | 12,540 |
| 4 DEPD DISTRIBUTION | P30L | 40,339 | 20,343 | 9,974 | 3,717 | 2,473 | 3,728 | 40,235 |
| 5 DEPG GENERAL | P40L | 10,213 | 4,567 | 1,874 | 908 | 2,054 | 363 | 9,767 |
| 6 DEPC COMMON | PCL | 20,003 | 8,945 | 3,671 | 1,778 | 4,024 | 711 | 19,129 |
| 7 TOTAL DEPR. & AMORT. EXPENSE | | 172,979 | 75,100 | 34,482 | 17,369 | 33,432 | 4,818 | 165,201 |
| 8 TAXES OTHER THAN INCOME | | | | | | | | |
| 9 FEDERAL | | | | | | | | |
| 10 Federal Payroll Taxes | LABOR | 7,231 | 3,233 | 1,327 | 643 | 1,455 | 257 | 6,915 |
| 11 TOTAL FEDERAL | | 7,231 | 3,233 | 1,327 | 643 | 1,455 | 257 | 6,915 |
| 12 STATE | | | | | | | | |
| 13 Special Utilities License | POO | 3,060 | 1,341 | 628 | 309 | 557 | 98 | 2,933 |
| 14 Gross Earnings Tax | RSL | 3,443 | 1,434 | 619 | 363 | 801 | 76 | 3,294 |
| 15 Generation Tax | TIP26 | 5,486 | 2,316 | 827 | 813 | 1,398 | 82 | 5,436 |
| 16 State Payroll Tax | LABOR | 196 | 88 | 36 | 17 | 39 | 7 | 187 |
| 17 TOTAL STATE | | 12,185 | 5,179 | 2,110 | 1,503 | 2,796 | 263 | 11,850 |
| 18 LOCAL | | | | | | | | |
| 19 County Property Taxes | POO | 70,128 | 30,621 | 14,323 | 7,099 | 12,964 | 2,146 | 67,152 |
| 20 Municipal Property Taxes | POO | 4,933 | 2,162 | 1,012 | 498 | 899 | 158 | 4,728 |
| 21 TOTAL LOCAL | | 75,061 | 32,782 | 15,335 | 7,597 | 13,863 | 2,304 | 71,881 |
| 22 TOTAL TAXES OTHER THAN INCOME TAXES | | 94,477 | 41,195 | 18,772 | 9,743 | 18,113 | 2,824 | 90,646 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. (JRH-2)
Page 14

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---|-----------|----------|---------|---------|---------|---------|--------|----------|
| 1 DEVELOPMENT OF STATE INCOME TAX LIABILITY | | | | | | | | |
| 2 OPERATING INCOME BEFORE TAXES | | 347,067 | 152,635 | 65,031 | 36,944 | 76,838 | 9,734 | 341,182 |
| 3 ALLOWABLE DEDUCTIONS | | | | | | | | |
| 4 Capitalized and Use Tax | POO | (3,225) | (1,413) | (662) | (325) | (588) | (103) | (3,091) |
| 5 Interest | RB | 108,579 | 46,404 | 21,813 | 11,230 | 21,409 | 2,733 | 103,589 |
| 6 Depreciation (Over Book) | DEPREJ | 10,458 | 4,581 | 2,105 | 1,043 | 1,954 | 327 | 10,010 |
| 7 Nuclear Fuel Expense | E10 | (19,611) | (6,522) | (2,964) | (2,382) | (6,123) | (231) | (18,223) |
| 8 Removal Cost and Property Tax | POO | 17,646 | 7,136 | 3,266 | 1,898 | 4,243 | 0 | 16,542 |
| 9 Employee Benefits | LABOR | 22,750 | 10,173 | 4,175 | 2,022 | 4,577 | 808 | 21,755 |
| 10 Unbilled Revenue | ENE1 | (18,197) | (6,146) | (2,794) | (2,245) | (6,795) | (218) | (18,197) |
| 11 TOTAL ALLOWABLE DEDUCTIONS | | 118,400 | 54,213 | 24,940 | 11,240 | 18,677 | 3,316 | 112,386 |
| 12 STATE TAXABLE INCOME | | 228,667 | 98,422 | 40,091 | 25,704 | 58,161 | 6,418 | 228,795 |
| 13 STATE INCOME TAX @ 5% | | 11,433 | 4,921 | 2,005 | 1,285 | 2,908 | 321 | 11,440 |
| 14 ADJUSTMENTS TO TAX | | | | | | | | |
| 15 State Tax Prior Year Adjustments | SIT | (4,374) | (1,883) | (767) | (492) | (1,113) | (123) | (4,376) |
| 16 TOTAL STATE INCOME TAX LIABILITY | | 7,059 | 3,038 | 1,238 | 794 | 1,796 | 198 | 7,063 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|---|-----------|----------|---------|---------|---------|---------|--------|----------|
| 1 DEVELOPMENT OF FEDERAL INCOME TAX LIABILITY | | | | | | | | |
| 2 OPERATING INCOME BEFORE TAXES | | 347,067 | 152,635 | 65,031 | 36,944 | 76,838 | 9,734 | 341,182 |
| 3 ALLOWABLE DEDUCTIONS | | | | | | | | |
| 4 Capitalized and Use Tax | POO | (3,225) | (1,413) | (662) | (325) | (588) | (103) | (3,091) |
| 5 Interest | RB | 108,579 | 46,404 | 21,813 | 11,230 | 21,409 | 2,733 | 103,589 |
| 6 Depreciation (Over Book) | DEPREJ | 11,994 | 5,253 | 2,415 | 1,196 | 2,241 | 375 | 11,480 |
| 7 Nuclear Fuel Expense | E10 | (19,611) | (6,522) | (2,984) | (2,382) | (6,123) | (231) | (18,223) |
| 8 Removal Cost and Property Tax | POO | 4,312 | 1,744 | 798 | 464 | 1,037 | 0 | 4,042 |
| 9 Employee Benefits | LABOR | 22,750 | 10,173 | 4,175 | 2,022 | 4,577 | 808 | 21,755 |
| 10 Unbilled Revenue | ENE1 | (18,197) | (6,146) | (2,794) | (2,245) | (6,795) | (218) | (18,197) |
| 11 State Income Tax | | 11,433 | 4,921 | 2,005 | 1,285 | 2,908 | 321 | 11,440 |
| 12 TOTAL ALLOWABLE DEDUCTIONS | | 118,035 | 54,414 | 24,786 | 11,244 | 18,667 | 3,685 | 112,796 |
| 13 FEDERAL TAXABLE INCOME | | 229,032 | 98,221 | 40,245 | 25,700 | 58,171 | 6,049 | 228,386 |
| 14 FEDERAL INCOME TAX @ 35% | | 80,161 | 34,377 | 14,086 | 8,995 | 20,360 | 2,117 | 79,935 |
| 15 ADJUSTMENTS TO TAX | | | | | | | | |
| 16 Federal Tax Prior Year Adjustments | FIT | 1,700 | 729 | 299 | 191 | 432 | 45 | 1,695 |
| 17 TOTAL FEDERAL INCOME TAX LIABILITY | | 81,861 | 35,106 | 14,384 | 9,186 | 20,792 | 2,162 | 81,630 |

South Carolina Electric and Gas Company
Electric Cost of Service Study
12 Months Ending 3/31/02

EXHIBIT NO. (JRH-2)
Page 16

| Description | ALLOCATOR | TOTAL | RESID | SMALL | MEDIUM | LARGE | ST LTG | RETAIL |
|-----------------------------------|-----------|---------|---------|---------|---------|---------|--------|---------|
| 1 DEFERRED INCOME TAXES | | | | | | | | |
| 2 PRODUCTION | P10 | (117) | (47) | (22) | (13) | (28) | 0 | (110) |
| 3 TRANSMISSION AND DISTRIBUTION | TD | 11,048 | 5,270 | 2,581 | 1,054 | 1,202 | 767 | 10,874 |
| 4 GENERAL AND COMMON | GC | (769) | (344) | (141) | (68) | (155) | (27) | (735) |
| 5 LONG TERM DEBT | RB | (482) | (206) | (97) | (50) | (95) | (13) | (460) |
| 6 UNBILLED REVENUE | ENE1 | (7,309) | (2,468) | (1,122) | (902) | (2,729) | (87) | (7,309) |
| 7 LABOR AND BENEFITS | LABOR | 7,192 | 3,216 | 1,320 | 639 | 1,447 | 255 | 6,878 |
| 8 REVENUE | RSL | (9,894) | (4,121) | (1,779) | (1,045) | (2,302) | (219) | (9,466) |
| 9 TOTAL DEFERRED INCOME TAX (NET) | | (331) | 1,300 | 741 | (384) | (2,660) | 676 | (328) |
| 10 INVESTMENT TAX CREDIT | | | | | | | | |
| 11 PRODUCTION | P10 | (1,839) | (744) | (340) | (198) | (442) | 0 | (1,724) |
| 12 TRANSMISSION AND DISTRIBUTION | TD | 1,921 | 916 | 449 | 183 | 209 | 133 | 1,891 |
| 13 GENERAL AND COMMON | GC | (100) | (45) | (18) | (9) | (20) | (4) | (96) |
| 14 INVESTMENT TAX CREDIT (NET) | | (18) | 128 | 90 | (23) | (253) | 130 | 71 |
| 15 CUSTOMER GROWTH | | 1,986 | 1,252 | 411 | 254 | 0 | 69 | 1,986 |
| 16 INTEREST ON CUSTOMER DEPOSITS | | (1,169) | (980) | (132) | (18) | (5) | (34) | (1,169) |
| 17 RETURN | | 259,313 | 113,335 | 48,857 | 27,608 | 57,159 | 6,603 | 253,562 |

**SOUTH CAROLINA ELECTRIC & GAS
CLASS RATE OF RETURN RELATIONSHIPS**

| | BEFORE INCREASE | | % INCREASE | AFTER INCREASE | |
|--------------|-----------------|-----------------|------------|----------------|--------------|
| | RATE OF RETURN | % OF RETAIL ROR | | RATE OF RETURN | RELATIONSHIP |
| RESIDENTIAL | 7.78% | 100% | 7.06% | 9.50% | 96% |
| SMALL | 7.12% | 92% | 13.81% | 10.13% | 102% |
| MEDIUM | 7.82% | 101% | 11.94% | 10.87% | 109% |
| LARGE | 8.50% | 109% | 5.38% | 10.12% | 102% |
| LIGHTING | 7.50% | 96% | 12.82% | 10.17% | 102% |
| TOTAL RETAIL | 7.78% | 100% | 8.70% | 9.93% | 100% |

SOUTH CAROLINA ELECTRIC & GAS COMPANY
BASIC FACILITIES CHARGE

| <u>RESIDENTIAL</u> | <u>CURRENT</u> | <u>PROPOSED</u> | <u>COST OF SERVICE</u> |
|-------------------------------|----------------|-----------------|------------------------|
| RATES 1,2,6,8 | \$6.50 | \$7.50 | |
| RATE 5 | \$9.80 | \$11.25 | |
| TOTAL RESIDENTIAL GROUP | | | \$16.62 |
| <u>SMALL GENERAL SERVICE</u> | | | |
| RATES 3, 9,13 | \$13.00 | \$15.00 | |
| RATES 10,14 | \$6.50 | \$7.50 | |
| RATES 11,16 | \$15.75 | \$18.15 | |
| RATES 12,22 | \$8.50 | \$9.80 | |
| TOTAL SGS GROUP | | | \$29.71 |
| <u>MEDIUM GENERAL SERVICE</u> | | | |
| RATE 20 | \$100.00 | \$120.00 | |
| RATE 21 | \$115.00 | \$135.00 | |
| TOTAL MGS GROUP | | | \$234.18 |
| <u>LARGE GENERAL SERVICE</u> | | | |
| RATE 23 | \$1,000.00 | \$1,200.00 | |
| RATE 24 | \$1,000.00 | \$1,200.00 | |
| TOTAL LGS GROUP | | | \$3,512.45 |

**SOUTH CAROLINA ELECTRIC AND GAS COMPANY
COST FOR ELECTRIC RECONNECTION**

| | | |
|------------|---------------------------------|-----------------|
| | | Reg. Time |
| Parameters | Electric Service Representative | \$ 20.08 |
| | 1/2 Ton Service Truck | \$ 4.27 |
| | | <u>\$ 24.35</u> |

Travel from work location to customer and return - average 30 min

| | |
|--------------------------|-----------------|
| Base pay (2 individuals) | \$ 27.28 |
| 1/2 Ton Service Truck | \$ 2.14 |
| | <u>\$ 29.42</u> |

Performing reconnection - Average 15 minutes

| | |
|---------------------------|-----------------|
| Base pay (2 individuals) | \$ 13.64 |
| 1/2 Ton Service Truck | \$ 1.07 |
| | <u>\$ 14.71</u> |

Travel from customer to customer - Average 20 minutes

| | |
|--------------------------|-----------------|
| Base pay (2 individuals) | \$ 18.18 |
| 1/2 Ton Service Truck | \$ 2.86 |
| | <u>\$ 21.04</u> |

Assuming in an eight (8) hour day

| | | |
|----------------------------------|---------|------------------|
| Travel to and from work location | 60 min | \$ 58.84 |
| Reconnections completed (12) | 180 min | \$ 176.52 |
| Travel between customers (11) | 220 min | \$ 231.44 |
| | | <u>\$ 466.80</u> |

| | | |
|-----------|---|----------|
| Reg. Time | Average Cost per Reconnect \$466.80 /12 = | \$ 38.90 |
|-----------|---|----------|